Docket No.: 20241/0203481-US0

Application No. 10/553,108 Amendment dated January 19, 2010 After Final Office Action of July 23, 2009

AMENDMENTS TO THE CLAIMS

The following listing of the claims replaces all prior versions of the claims presented in the application.

Claim 1 (Previously presented): A compound represented by formula (1):

$$\begin{array}{c}
A \\
N - CO - B - Z
\end{array}$$
(1)

wherein.

R1 represents a hydrogen atom or a C1-6 alkyl group which is unsubstituted;

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:

wherein.

R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which is unsubstituted or substituted by G1,

R4 represents a hydrogen atom or a C_{1.6} alkyl group which is unsubstituted or substituted by G1, a C_{1.6} alkylcarbonyl group which is unsubstituted or substituted by G1, or a benzoyl group which is unsubstituted or substituted by G1,

G1 represents a cyano group, a formyl group, a hydroxyl group, an amino group, a dimethlyamino group or a halogen atom,

n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more:

B represents a group represented by the following formula:

wherein.

R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a $C_{1.6}$ alkyl group, a $C_{1.6}$ alkoxy group, a $C_{2.6}$ alkenyl group, a $C_{2.6}$ alkenyl group, a $C_{2.6}$ alkenyloxy group, a $C_{2.6}$ alkenyloxy group, or a $C_{3.6}$ cycloalkyl group, or a phenyl group which is unsubstituted or substituted by a nitro group, a halogen atom, a $C_{1.6}$ alkyl group, a $C_{1.6}$ alkoxy group, or a $C_{1.6}$ haloalkyl group.

k represents 0 or an integer of 1 to 15, and

R5 and R6 may be identical to each other, or different from each other, when k is 2 or more; and

Z represents a group represented by the following formula (A), (B) or (C):

^{*} represents an asymmetric carbon atom,

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X1 represents an oxygen atom or a sulfur atom,

R7 to R17 each independently represents a hydrogen atom or a C1-6 alkyl group, and

G2 is represented by the following formula: NHR wherein R represents a hydrogen atom, a C_{1-6} alkylcarbonyl group, or a benzoyl group which is unsubstituted or substituted by a nitro group, a halogen atom, a C_{1-6} alkyl group, a C_{1-6} alkoxy group, or a C_{1-6} haloalkyl group,

or a pharmaceutically acceptable salt thereof.

Claim 2 (Canceled)

Claim 3 (Previously presented): A compound or pharmaceutically acceptable salt according to claim 1, wherein A is 1-imidazolyl or 1-H-pyrazole-5-yl which is substituted at the fourth position on the phenyl group of formula (1).

Claim 4 (Canceled)

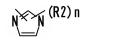
Claim 5 (Previously presented): An antioxidant comprising as its active ingredient at least one compound represented by formula (1): wherein

$$\begin{array}{c}
A \\
N - CO - B - Z
\end{array}$$
(1)

R1 represents a hydrogen atom or a C1-6 alkyl group which is unsubstituted,

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:

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wherein

R2 and R3 represent a hydrogen atom or a $C_{1\text{-}6}$ alkyl group which is unsubstituted or substituted by G1.

R4 represents a hydrogen atom or a $C_{1.6}$ alkyl group which is unsubstituted or substituted by G1, a $C_{1.6}$ alkylcarbonyl group which is unsubstituted or substituted by G1, or a benzoyl group which is unsubstituted or substituted by G1,

G1 represents a cyano group, a formyl group, a hydroxyl group, an amino group, a dimethlyamino group or a halogen atom,

n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more.

B represents a group represented by the following formula:

wherein

R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a C_{1.6} alkyl group, a C_{1.6} alkoxy group, a C_{2.6} alkenyl group, a C_{2.6} alkenyl group, a C_{2.6} alkenyloxy group, a C_{2.6} alkenyloxy group, a C_{3.6} cycloalkyl

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group, or a phenyl group which is unsubstituted or substituted by a nitro group, a halogen atom, a $C_{1.6}$ alkyl group, a $C_{1.6}$ alkoxy group, or a $C_{1.6}$ haloalkyl group,

k represents 0 or an integer of 1 to 15, and

R5 and R6 may be identical to each other, or different from each other, when k is 2 or more, and

Z represents a group represented by the following formula (A), (B) or (C): wherein

* represents an asymmetric carbon atom,

X1 represents an oxygen atom or a sulfur atom,

R7 to R17 each independently represents a hydrogen atom or a C₁₋₆ alkyl group, and

G2 is represented by the following formula: NHR (wherein R represents a hydrogen atom, a C_{1-6} alkylcarbonyl group, or a benzoyl group which is unsubstituted or substituted by a nitro group, a halogen atom, a C_{1-6} alkyl group, a C_{1-6} alkoxy group, or a C_{1-6} haloalkyl group

or a pharmaceutically acceptable salt thereof.

Claims 6-12 (Canceled)

Claim 13 (Previously presented): A compound or pharmaceutically acceptable salt according to claim 1, wherein A is 1-imidazolyl or 1-H-pyrazole-5-yl which is substituted at the fourth position on the phenyl group of formula (1).

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Claim 14 (Previously presented): A compound or pharmaceutically acceptable salt according to claim 1, wherein R1 is a hydrogen atom, A is 4-(1H-pyrazole-5-yl), k is 0, and Z is represented by the following formula:

Claim 15 (Previously presented): A compound or pharmaceutically acceptable salt according to claim 1, wherein Z represents a group represented by the formula (A) or (B) wherein X1 represents an oxygen atom.

Claim 16 (Previously presented): A compound or pharmaceutically acceptable salt according to claim 15, wherein A represents an imidazolyl group.

Claim 17 (Previously presented): A compound or pharmaceutically acceptable salt according to claim 15, wherein A represents a pyrazolyl group and Z represents a group represented by the formula (B).

Claim 18 (Previously presented): An antioxidant according to claim 5, wherein Z represents a group represented by the formula (A) or (B) wherein X1 represents an oxygen atom.

Claim 19 (Previously presented): An antioxidant according to claim 18, wherein A represents an imidazolyl group.

Claim 20 (Previously presented): An antioxidant according to claim 18, wherein A represents a pyrazolyl group and Z represents a group represented by the formula (B).